

NAVIGATION DEVICE FOR VEHICLE

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Inventor: FUJIMOTO HIROSHI

Applicant: NISSAN MOTOR

Classification:

- International: G09B29/10; G01C21/00; G06T1/00; G06T11/60;
G08G1/0969; G08G1/123; G09B29/10; G01C21/00;
G06T1/00; G06T11/60; G08G1/0969; G08G1/123;
(IPC1-7): G09B29/10; G01C21/00; G06T1/00;
G08G1/0969; G08G1/123

- European:

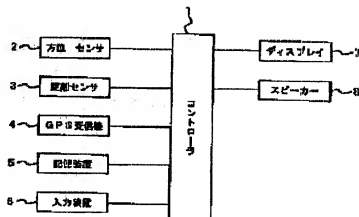
Application number: JP19960028914 19960216

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Abstract of JP9222851

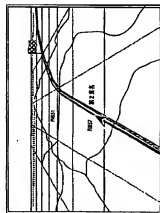
PROBLEM TO BE SOLVED: To stereoscopically display a road vertically positioned with each other by adding altitude information to a road on which information on the upper side positional relationship is recorded, converting plane road map data to which this altitude information is added into a bird's-eye view road map data, and plotting a bird's-eye view road map. **SOLUTION:** A storage device 5 stores plane road map data having information on the vertical positional relationship of a road. A controller 1 transparently converts a plane road map into a bird's-eye view road map by performing a control program, and stereoscopically displays a road put in the vertical positional relationship, and displays a present place of a vehicle and an optimal route up to a destination on the bird's-eye view road map. That is, after altitude information is added to a road on which information on the upper side positional relationship of a road is recorded, it is converted into bird's-eye view road map data, and a bird's-eye view road map is plotted. Therefore, a road put in the vertical positional relationship such as a multilevel crossing and a road under a superhighway can be stereoscopically displayed as a bird's-eye view.



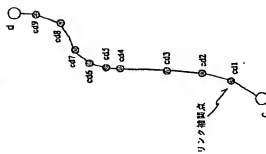
Data supplied from the esp@cenet database - Worldwide

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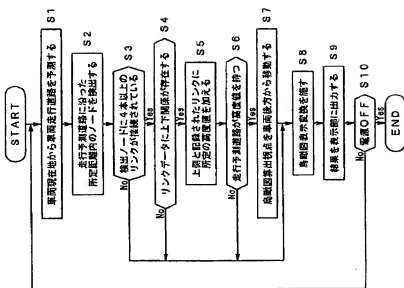
【図4】



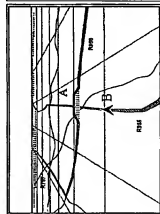
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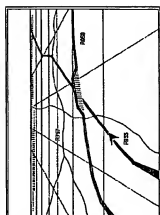
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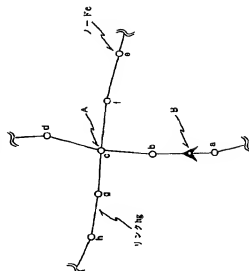
【図11】



【図14】

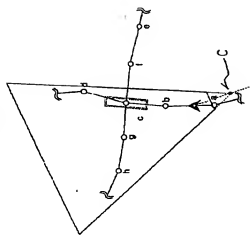


【図6】

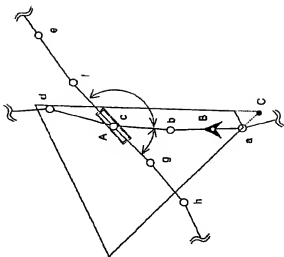


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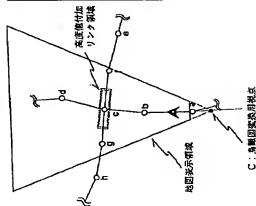
【図8】



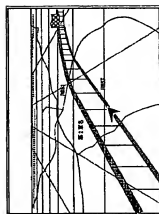
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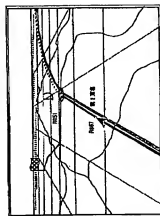
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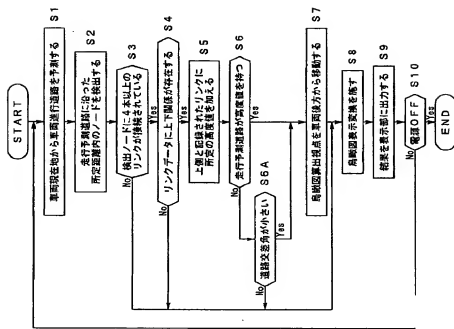
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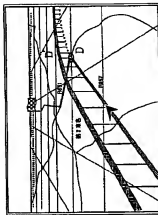
【図16】



【図13】



【図17】



【図18】

